

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC



U.S. Department
of Transportation

**Federal Aviation
Administration**

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<http://www.faa.gov/aircraft/safety/alerts/SAIB>

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) alerts you, owners, operators, and repair facilities of **Honeywell International Inc. TPE331 and TFE731 series engines**, of Purolator Facet, Inc. Service Bulletin (SB) E-1086, dated June 6, 2006. The

SB mandates inspection of certain fuel filter elements with part number (P/N) 038493-12, and replacement if necessary. These engines are installed on, but not limited to, the following aircraft:

Manufacturer	Model
Aero Planes LLC	G-21G
Allied Ag Cat Productions, Inc. (formerly Schweizer)	G-164 Series
Avions Marcel Dassault-Breguet Aviation (AMD/BA)	Falcon 10
Ayres	S-2R Series
British Aerospace Ltd. (formerly Jetstream)	3201 Series and HP.137 Jetstream MK 1
Cessna Aircraft Company	441 Conquest
Cessna Aircraft Company	650 Citation III, VI, VII Series
Construction Aeronauticas, s.a. (CASA)	C-212 Series
Dassault-Aviation	Mystere-Falcon 20, 50, and 900 Series
De Havilland DH104 Series	7AXC (Dove)
Dornier	228 Series
Fairchild	SA226 and SA227 Series (Swearingen Merlin and Metro Series)
Grumman American	G-164 Series
Israel Aircraft Industries Ltd.	1124 and 1125 Westwind Series
Learjet, Inc.	Models 31, 35, 36, and 55 Series
Lockheed-Georgia Corp.	1329-23 and -25 Series
Mitsubishi	MU-2B (MU-2) Series
Pilatus	PC-6 Series (Fairchild Porter and Peacemaker)
Polskie Zaklady Lotnicze Spolka (formerly Wytownia Sprzetu Komunikacyjnego)	PZL M18, M18A, M18B Series

Manufacturer <i>(continued)</i>	Model <i>(continued)</i>
Prop-Jets, Inc.	400
Raytheon Aircraft (formerly Beech)	C45G, TC-45G, C-45H, TC-45H, TC-45J, G18S, E18S-9700, D18S, D18C, H18, RC-45J, JRB-6, UC-45J, 3N, 3NM, 3TM, B100, C90, and E90
Raytheon Aircraft Co.	HS-125 Series
Sabreliner Corp.	NA-265-65
Short Brothers and Harland Ltd.	SC7 (Skyvan) Series
Sikorsky	S-55 (Helitec Corp. S55T) Helicopter
Thrush (Rockwell Commander),	S2R
Twin Commander (Jetprop Commander)	680 and 690 Series Airplanes

Background

Between July 1, 2005 and February 6, 2006, inclusive, Purolator Facet, Inc. manufactured fuel filter elements, P/N 038493-12, with assembly date codes of A3Q05, A4Q05, or A1Q06. The filter elements were made available from July 1, 2005 to June 20, 2006. The effected filters may exhibit a small circumferential crack in the closed endcap, which may allow fuel to bypass the filter element.

SB E-1086 instructs vendors to remove affected filters from stock, and instructs owners to inspect installed filters of this part number for the endcap crack in accordance with the type certificate holders's maintenance instructions.

Recommendation

The FAA recommends compliance with Purolator Facet, Inc. SB E-1086, dated June 6, 2006, at the times specified. Further, all Honeywell service/ maintenance documents should be followed when maintaining these model engines.

For Further Information Contact

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